

**Table 4b
Discarded
commercial
chemicals**

Description and Shipping Name	PIN	TDG Item No.	Class	Special Provisions	Packing Group
Ammonium picrate, wetted uniformly <i>with not less than 10 percent water, by mass</i>	UN1310	207	4.1	10 46 48 58 99	I
Arsenic	UN1558	275	6.1	118	II
Arsenic acid, liquid, <i>or</i> Arsenic acid, solution	UN1553	276	6.1	46 102 118	I
Arsenic acid, solid	UN1554	277	6.1	118	II
Arsenic bromide	UN1555	290	6.1	118	II
Arsenic chloride, <i>see</i> Arsenic trichloride, etc.		291			
ARSENIC COMPOUNDS, LIQUID, N.O.S.*, including arsenates, n.o.s., arsenites, n.o.s.; arsenic sulphides, n.o.s.; <i>and</i> organic compounds of arsenic, n.o.s.	UN1556	292	6.1 9.2	46 48 94 109 188	I
ARSENIC COMPOUNDS, LIQUID, N.O.S.*, including arsenates, n.o.s., arsenites, n.o.s.; arsenic sulphides, n.o.s.; <i>and</i> organic compounds of arsenic, n.o.s.	UN1556	293	6.1 9.2	109 118	III
ARSENIC COMPOUNDS, LIQUID, N.O.S.*, including arsenates, n.o.s., arsenites, n.o.s.; arsenic sulphides, n.o.s.; <i>and</i> organic compounds of arsenic, n.o.s.	UN1556	294	6.1 9.2	109 118	III
ARSENIC COMPOUNDS, SOLID, N.O.S.*, including arsenates, n.o.s., arsenites, n.o.s.; arsenic sulphides, n.o.s.; <i>and</i> organic compounds of arsenic, n.o.s.	UN1557	295	6.1 9.2	46 48 93 109 118	I
ARSENIC COMPOUNDS, SOLID, N.O.S.*, including arsenates, n.o.s., arsenites, n.o.s.; arsenic sulphides, n.o.s.; <i>and</i> organic compounds of arsenic, n.o.s.	UN1557	296	6.1 9.2	109 188	II

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Description and Shipping Name	PIN	TDG Item No.	Class	Special Provisions	Packing Group
ARSENIC COMPOUNDS, SOLID, N.O.S.*, including arsenates, n.o.s., arsenites, n.o.s.; arsenic sulphides, n.o.s.; <i>and</i> organic compounds of arsenic, n.o.s.	UN1557	297	6.1 9.2	109 188	III
Arsenic iodide, solid, <i>see</i> ARSENIC COMPOUNDS, SOLID, N.O.S.*, etc.		298			
Arsenic pentoxide	UN1559	299	6.1 9.2	109 118	II
Arsenic sulphide(s), solid, <i>see</i> ARSENIC COMPOUNDS, SOLID, N.O.S.*, etc.		301			
Arsenic trichloride <i>or</i> Arsenic chloride	UN1560	302	6.1 9.2	46 109 118	I
Arsenic trioxide	UN1561	303	6.1 9.2	109 118	II
Arsine	UN1228	305	2.3 2.1	46 48 56 79 88 99 102	X
Barium cyanide	UN1565	337	6.1 9.2	46 102 109 118	I
Benzyl bromide	UN1737	380	6.1 8	46 56 99	II
Beryllium, powder	UN1567	392	6.1 4.1	46 48	II
Bromoacetone, LIQUID	UN1569	434	6.1	46 48 88 99 102	II
Brucine	UN1570	454	6.1	89	I
Calcium cyanide	UN1575	568	6.1 9.2	46 102 109	I
Camphene	NA9011	589	4.1	40	III
Carbon bisulphide, <i>see</i> Carbon disulphide, etc.		609			

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Carbon disulphide <i>or</i> Carbon bisulphide	UN1131	618	3.1 6.1 9.2	46 56 99 102 109	I
Chloroacetaldehyde	UN2232	653	6.1	99 102	II
Copper cyanide	UN1587	779	6.1	46 102 118	II
CYANIDE SOLUTIONS, n.o.s.*	UN1935	832	6.1 9.2	46 102 109	I
CYANIDE SOLUTIONS, n.o.s.*	UN1935	833	6.1 9.2	102 109	II
CYANIDE SOLUTIONS, n.o.s.*	UN1935	834	6.1 9.2	109	III
CYANIDES, INORGANIC, N.O.S.*	UN1588	835	6.1 9.2	46 102 109	I
CYANIDES, INORGANIC, N.O.S.*	UN1588	836	6.1 9.2	102 109	II
CYANIDES, INORGANIC, N.O.S.*	UN1588	837	6.1 9.2	109	III
Cyanogen bromide	UN1889	838	6.1 8	46 48 56 90 99 102 118	I
Cyanogen chloride	UN1589	839	2.3	33 46 48 56 79 88 98 99	X
Cyanogen, liquefied <i>or</i> Cyanogen, gas	UN1026	840	2.3 2.1	102 118	X
Cyanuric chloride	UN2670	841	8	46 48 56 79 88 99 102	III
Cyanuric triazide		842			
Fluorine, compressed <i>or</i> Fluorine	UN1045	1400	2.3 5.1	46 48 56 88 99 102	X

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Description and Shipping Name	PIN	TDG Item No.	Class	Special Provisions	Packing Group
Fluoroacetic acid	UN2642	1401	6.1	46 56 99	I
HEXAETHYL TETRAPHOSPHATE, liquid	UN1611	1481	6.1	46 48 56 94 99 102 118	I
HEXAETHYL TETRAPHOSPHATE, liquid	UN1611	1482	6.1	46 48 56 99 102 118	II
HEXAETHYL TETRAPHOSPHATE, liquid	UN1611	1483	6.1	99 118	III
HEXAETHYL TETRAPHOSPHATE, solid	UN1611	1484	6.1	46 48 56 93 99 102 118	II
HEXAETHYL TETRAPHOSPHATE, solid	UN1611	1485	6.1	99 118	III
Hexaethyl tetraphosphate <i>and</i> compressed gas mixtures	UN1612	1486	2.3	46 48 56 88 99 102	X
Hexaethyl tetraphosphate mixture, dry (containing more than 2 percent hexaethyl tetraphosphate)	NA2783	1487		55	
Hexaethyl tetraphosphate mixture, liquid (Containing more than 25 percent hexaethyl tetraphosphate)	NA3018	1488		55	
Hydrogen cyanide, anhydrous, stabilized <i>or</i> Hydrocyanic acid, liquefied <i>or</i> Hydrocyanic acid, aqueous solutions, with more than 20 percent hydrogen cyanide	UN1051	1544	2.3 2.1	45 56 79 84 89 99 102 118	X
Hydrogen cyanide, anhydrous, stabilized, absorbed in a porous inert material	UN1614	1545	6.1	46 48 83 99 102 118	I
Mercuric acetate, <i>see</i> Mercury acetate, etc.		1772			
Mercuric ammonium chloride, <i>see</i> Mercury ammonium chloride, etc.		1773			
Mercuric arsenate	UN1623	1774	6.1	118	II
Mercuric benzoate, <i>see</i> Mercury benzoate, etc.		1775			

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Description and Shipping Name	PIN	TDG Item No.	Class	Special Provisions	Packing Group
Mercuric bromide, <i>see</i> Mercury bromides, etc.		1776			
Mercuric chloride	UN1624	1777	6.1	56 102 118	II
Mercuric iodide, <i>see</i> Mercury iodide, etc.		1778			
Mercuric nitrate	UN1625	1779	5.1 6.1 9.2	109 118	II
Mercuric oleate, <i>see</i> Mercury oleate, etc.		1780			
Mercuric oxide, <i>see</i> Mercury oxide, etc.		1781			
Mercuric oxycyanide, <i>see</i> Mercury oxycyanide, desensitized, etc.		1782			
Mercuric potassium cyanide	UN1626	1783	6.1	46 102 118	I
Mercuric potassium iodide, <i>see</i> Mercury potassium iodide, etc.		1784			
Mercuric subsulphate, <i>see</i> MERCURY COMPOUNDS, etc.		1785			
Mercuric sulphate	UN1645	1786	6.1 9.2	109 118	II
Mercuric thiocyanate, <i>see</i> Mercury thiocyanate, etc.		1787			
Mercurous acetate, <i>see</i> Mercury acetate, etc.		1788			
Mercurous bromide, <i>see</i> Mercury bromides, etc.		1790			
Mercurous iodide, <i>see</i> Mercury iodide, etc.		1791			
Mercurous nitrate	UN1627	1792	5.1 6.1 9.2E	46 48 89 109 118	I
Mercurous oxide, black, <i>see</i> Mercury oxide, etc.		1793			

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Mercurous sulphate	UN1628	1794	6.1	118	II
Mercury	UN2809	1795	8	46 48 95	II
Mercury	UN2809	1796	8	48 100	III
Mercury acetate <i>or</i> Mercuric acetate <i>or</i> Mercurous acetate	UN1629	1797	6.1	118	II
Mercury ammonium chloride <i>or</i> Mercuric ammonium chloride	UN1630	1799	6.1	118	II
Mercury benzoate <i>or</i> Mercuric benzoate	UN1631	1810	6.1	118	II
Mercury bisulphate	UN1633	1811	6.1	118	II
Mercury bromides <i>or</i> Mercuric bromide <i>or</i> Mercurous bromide	UN1634	1812	6.1	56 118	II
MERCURY COMPOUNDS, LIQUID, N.O.S.*	UN2024	1813	6.1 9.2	46 94 109	I
MERCURY COMPOUNDS, LIQUID, N.O.S.*	UN2024	1814	6.1 9.2	109	II
MERCURY COMPOUNDS, LIQUID, N.O.S.*	UN2024	1815	6.1 9.2	109	III
MERCURY COMPOUNDS, SOLID, N.O.S.*	UN2025	1816	6.1 9.2	46 93 109	I
MERCURY COMPOUNDS, SOLID, N.O.S.*	UN2025	1817	6.1 9.2	109	II
MERCURY COMPOUNDS, SOLID, N.O.S.*	UN2025	1818	6.1 9.2	109	III
Mercury cyanide <i>or</i> Mercuric cyanide	UN1636	1819	6.1 9.2	46 102 109 118	II
Mercury gluconate <i>or</i> Mercurous gluconate	UN1637	1820	6.1	118	II
Mercury iodide <i>or</i> Mercurous iodide	UN1638	1822	6.1	118	II

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Description and Shipping Name	PIN	TDG Item No.	Class	Special Provisions	Packing Group
Mercury iodide, solution <i>or</i> Mercuric iodide, solution	UN1638	1823	6.1	118	II
Mercury nucleate	UN1639	1825	6.1		II
Mercury oleate <i>or</i> Mercuric oleate	UN1640	1826	6.1	118	II
Mercury oxide, <i>or</i> Mercuric oxide <i>or</i> Mercurous oxide, black	UN1641	1827	6.1	118	II
Mercury oxycyanide, desensitized <i>or</i> with phlegmatizer	UN1642	1828	6.1	46 84 118	II
Mercury potassium iodide <i>or</i> Mercuric potassium iodide	UN1643	1829	6.1	118	II
Mercury salicylate <i>or</i> Mercuric salicylate	UN1644	1830	6.1	118	II
Mercury thiocyanate <i>or</i> Mercuric thiocyanate	UN1646	1831	6.1 9.2	109 118	II
Methylhydrazine	UN1244	1915	3.2 8	46 56 90	I
Methyl isocyanate	UN2480	1920	6.1 3	46 48 99	I
Naphthylthiourea	UN1651	1984	6.1		II
Nickel carbonyl	UN1259	1992	6.1 3	46 48 56 99 102 118	I
Nickel cyanide	UN1653	1996	6.1 9.2	40 109	III
Nitric oxide	UN1660	2026	2.3 5.1	46 56 79 88 99 102	X
Nitric oxide <i>and</i> nitrogen tetroxide, mixtures	UN1975	2027	2.3 5.1	46 56 79 88 99 102	X
Nitroanilines (o-, m-, p-)	UN1661	2031	6.1		III

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Nitrogen dioxide, liquefied <i>or</i> Nitrogen dioxide, liquid <i>or</i> Nitrogen oxides, n.o.s.* <i>or</i> Dinitrogen tetroxide, liquefied	UN1067	2055	2.3 5.1	46 56 79 88 99 102	X
Osmium tetroxide	UN2471	2157	6.1	46 48 102 118	I
Phenyldichloroarsine, <i>see</i> ARSENIC COMPOUNDS, etc		2267			
Phosgene or Diphosgene	UN1076	2292	2.3 8	46 56 79 88 99 102	X
Phosphine	UN2199	2294	2.3 2.1	46 48 56 79 88 99 102	X
Potassium cyanide, solid	UN1680	2373	6.1 9.2	46 102 109 118	I
Potassium cyanide, solution	UN1680	2374	6.1 9.2	46 102 109 118	I
Propyleneimine, inhibited	UN1921	2428	3.2	46 48 56 84	I
Silver nitrate	UN1493	2551	5.1 9.2	48 109 110	II
Sodium azide	UN1687	2569	6.1	48	II
Sodium chloroacetate	UN2659	2578	6.1		III
Sodium chromate (<i>RL-50</i>)	NA9145	2579	6.1	46 102 118	I
Sodium cuprocyanide, solid	UN2316	2580	6.1	46 102 118	I
Sodium cuprocyanide, solution	UN2317	2581	6.1	46 102	I
Sodium cyanide, solid	UN1689	2582	6.1 9.2	46 102 109 118	I
Sodium cyanide, solution, <i>see</i> CYANIDE SOLUTIONS, n.o.s.*		2583			
TETRAETHYL DITHIOPYROPHOSPHATE, DRY OR MIXTURE	UN1704	2705	6.1	46 48 56 93 99 102 118	I

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Description and Shipping Name	PIN	TDG Item No.	Class	Special Provisions	Packing Group
TETRAETHYL DITHIOPYROPHOSPHATE, DRY OR MIXTURE	UN1704	2706	6.1	48 56 99 102 118	II
TETRAETHYL DITHIOPYROPHOSPHATE, DRY OR MIXTURE	UN1704	2707	6.1	99 118	III
TETRAETHYL DITHIOPYROPHOSPHATE, LIQUID OR MIXTURE	UN1704	2708	6.1	46 48 56 94 99 102 118	I
TETRAETHYL DITHIOPYROPHOSPHATE, LIQUID OR MIXTURE	UN1704	2709	6.1	48 56 99 102 118	II
TETRAETHYL DITHIOPYROPHOSPHATE, LIQUID OR MIXTURE	UN1704	2710	6.1	99 118	III
Tetraethyl dithiopyrophosphate <i>and</i> gases, in solution <i>or</i> Tetraethyl dithiopyrophosphate <i>and</i> gases, mixtures	UN1703	2711	2.3	46 56 88 99 102	X
Tetraethyl pyrophosphate <i>and</i> compressed gas mixtures	UN1705	2714	2.3	46 48 56 88 99 102	X
Tetranitromethane	UN1510	2735	5.1	46 48 56 99 102	I
Thallium chlorate	UN2573	2746	5.1 6.1	46 48 118	II
Thallium compounds, n.o.s.	UN1707	2747	6.1 9.2	89 108 118	II
Thallium nitrate	UN2727	2748	6.1 5.1	46 118	II
Thallium sulphate, solid, <i>see</i> Thallium compounds, n.o.s.*		2749			
Vanadium pentoxide	UN2862	2900	6.1 9.2	46 109	II
Zinc cyanide	UN1713	3047	6.1	46 102 109 118	III